QUEUED COMPONENT INTERFACE PASSING FOR RESULTS OUTFLOW FROM QUEUED METHOD INVOCATIONS

ABSTRACT OF THE DISCLOSURE

Queued component interface passing provides a way for a queued

5   component to convey results of processing a client program's method invocations made asynchronously via a queue. A queued component recorder for a "processing" queued component operates to marshal-by-value a method invocation parameter that is reference to another queued component recorder for another "results" queued component into a data

10   stream of recorded method invocations, which is then submitted as a message to a queue associated with the processing queued component. On receipt of the message from the queue, a queued component player for the processing queued component unmarshals the reference to the other queued component recorder and passes this reference to the processing queued

15   component. The processing queued component uses the passed reference to invoke methods of the results queued component through its message queue, which conveys the processing queued component's results.